

ABSTRACT OF THE DISCLOSURE

An air conditioning system has a compressor that compresses a refrigerant and is capable of changing a flow rate of the refrigerant to be discharged, and an evaporator for evaporating the refrigerant to cool air. The evaporator is arranged in a casing that forms a passage to direct air into a vehicle cabin. When the refrigerant flow rate remains smaller than or equal to a predetermined flow rate substantially over a first predetermined time from when the refrigerant discharge flow rate falls to or below the predetermined flow rate, the compressor is operated so that the refrigerant discharge flow rate becomes greater than the predetermined flow rate at least over a second predetermined time that is shorter than the first predetermined time. In intermittent operation mode, the discharge flow rate is made greater than the predetermined flow rate for only a second elapsed predetermined time at every elapsed time.